

Municipality of Metropolitan Seattle Industrial Waste • 130 Nickerson St., Suite 200 • Seattle, WA 98109-1658 • (206) 689–3000

October 28, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

James C. Brown Alaskan Copper Works P.O. Box 3546 Seattle, WA 98124

Dear Mr. Brown:

Thank you for your time during my inspection of your facility on September 29, 1993. We have reviewed the circumstances surrounding the copper violation which occurred on September 1, 1993 at 3200 6th Avenue South, Seattle, Washington and believe that the corrective action and steps you have taken to routinely clean the discharge pipe and train second shift operators will prevent this from happening again; therefore, Metro will take no further action on this violation.

Although this violation alone does not place Alaskan Copper Works in Significant Noncompliance, future violations together with this violation may do so, and would result in your company's name being published in Metro's display advertisement in The Seattle Times.

In addition, your company is subject to post-violation inspection and sample, and is responsible for the cost. An itemized list of the post-violation costs is attached. You will also receive an invoice for these costs.

We appreciate your prompt response when notified of the high copper concentrations we found in your discharge.

Water Pollution Control Department • Clean Water - A Sound Investment



Municipality of Metropolitan Seattle

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October 20, 1993

James C. Brown Alaskan Copper Works Box 3546 SEATTLE, Washington 98124

Metro's recent sampling indicates that the wastewater from Alaskan Copper Works meets discharge limits. Metro appreciates your compliance.

POST VIOLATION

Sincerely,

Christie True
Industrial Waste Investigator

Environmental Programs

689-3009

Enclosure(s)

Water Pollution Control Department • Clean Water - A Sound Investment

Alaskan Copper Works 6TH AVE SOUTH

SAMPLE# DATE SITE# SAMPLE CODE DISCHARGE RATE TIME SPAN TIME UNIT SAMPLE START TIME	L2191-1 04-OCT-93 A4010 Grab - - - 1940	POST VIC	DLATION
	CONCENTRATION	LOAD	STATUS
PARAMETERS	(mg/l)	(lbs/day)	
Arsenic, Total, ICP	ND	NA .	OK
Cadmium, Total, ICP	ND	NA	OK
Chromium, Total, ICP	.63	NA	OK
Copper, Total, ICP	.36	NA	OK
Lead, Total, ICP	ND	NA	OK
Mercury, Total, CVAA	_	- ,	NA
Nickel, Total, ICP	1.1	NA	OK
Silver, Total, ICP	ND	NA	OK
Zinc, Total, ICP	.069	NA	OK
CYANIDE	_	-	NA
PH-FIELD	8.79	NA	OK

Category: A433
NA = Not Applicable, ND = Not Detected, - = Not Sampled
pH is in standard units, discharge rate = gallons/day

Alaskan Copper Works 6TH AVE SOUTH

SAMPLE# DATE SITE# SAMPLE CODE DISCHARGE RATE TIME SPAN TIME UNIT SAMPLE START TIME	L2202-1 04-OCT-93 A4010 Composite - 20 Hour 1930	POST	VIOLATION
PARAMETERS	CONCENTRATION	LOAD	STATUS
	(mg/l)	(lbs/day)	077
Arsenic, Total, ICP	ND	NA	OK
Cadmium, Total, ICP	ND	NA	OK
Chromium, Total, ICP	.87	NA NA	OK
Copper, Total, ICP	.36	- NA	OK
Lead, Total, ICP	ND	NA	OK
Mercury, Total, CVAA	_	_	NA
Nickel, Total, ICP	1.6	NA	OK
Silver, Total, ICP	ND	NA	OK
Zinc, Total, ICP	.043	NA	OK
CYANIDE			AN
PH-FIELD			NA NA
FILTIBUU			NA

Category: A433
NA = Not Applicable, ND = Not Detected, - = Not Sampled
pH is in standard units, discharge rate = gallons/day

INDUSTRIAL/INFO Automated Compliance Systems Site/Locator: Environmental Data Station 04-OCT-93 04-OCT-93 Date Range: Sample Data Display Parms like: IW/METALS Values: (C) Copyright 1988,1989,1990 Sorting: • Version 2.0 Qual Locator Collected Parameter Value Units INFO 1935 04-OCT-93 Sample Start Time hr INFO 8.79 04-OCT-93 pH-Field Hq INFO 04-OCT-93 Sample Code none G .15 INFO 04-OCT-93 Lead, Total, ICP mg/L <MDL INFO 04-OCT-93 Nickel, Total, ICP mg/L . 1 04-OCT-93 Silver, Total, ICP INFO mg/L .02 .098 mg/L INFO 04-OCT-93 Zinc, Total, ICP .025 04-OCT-93 Chromium, Total, ICP 04-OCT-93 Arsenic, Total, ICP 04-OCT-93 Cadmium, Total, ICP . 7 mg/L INFO .025 INFO mq/L .25 INFO <MDL mq/L .015 04-OCT-93 Copper, Total, ICP .46 INFO mg/L .02 EntQry = Log Text ExeQry = Log Numbers

Char Mode: Replace Page 1 Count: *11

Sample # 2191-2 Info sample for Alaskan Copper